

Response to Office Action of 10/3/2003  
Appl. Ser. No. 09/945,385

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) Method for nozzle-injection of gas into molten glass, characterized through the following features comprising:
  - 1.1 the introducing a gas stream is introduced into the a molten mass in a temporally pulsed, throughput;
  - 1.2 interrupting the gas stream is interrupted between two sequential pulses;
  - 1.3 wherein the duration of the a pulses amounts to less than 1 s.
2. (Currently Amended) Method according to claim 1, characterized by the fact that wherein the duration of the a pulses amounts to less than 100 ms.
3. (Currently Amended) Method according to claim 1, characterized by the fact that wherein the duration of the a pulses amounts to less than 50 ms.
4. (Currently Amended) Method according to claim 1, characterized by the fact that wherein following the pulse the pressure falloff of a pulse falls from a maximum value to null takes place within a time span of less than 100 ms.
5. (Currently Amended) Method according to claim 1, characterized by the fact that wherein following the pulse the pressure falloff of a pulse falls from a maximum value to null takes place within a time span of less than 50 ms.
6. (Currently Amended) Method according to claim 1, characterized by the fact that wherein at the temporal interval between two sequential pulses amounts to at least 1 s.

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7. (Currently Amended) Method according to claim 1, characterized by the fact that wherein the temporal interval between two sequential pulses amounts to at least 10 s.
8. (Currently Amended) Method according to claim 1, characterized through the following features further comprising the step of:
  - 8.1 depleting the molten mass is freed of foreign gases through flushing with O<sub>2</sub> gas;
  - 8.2 wherein the introduced pulsing of the gas stream produces bubbles are given having a high surface-area/volume ratio through impressed pressure profiles, in order to minimize the bubbling gas amount bubble volume and to maximize the expelling of foreign gas.